

# ARIZONA AVIATION AUTHORITY



## ORGANIZATION AND OPERATIONS REPORT 1957

*Arizona, State Aviation Authority.*

AA131.063/967

copy 2

C. W. LAING, PHOENIX  
CHAIRMAN

H. ALBERT MCEVOY, HOLBROOK  
VICE CHAIRMAN

MILLARD L. CLEMENTS, TUCSON  
MEMBER

RICHARD C. NOWELL, COOLIDGE  
MEMBER

RAYMOND SCHNEPF, QUEEN CREEK  
MEMBER

## ARIZONA AVIATION AUTHORITY

ERNEST W. MCFARLAND  
GOVERNOR

JAMES VERCELLINO  
DIRECTOR

SKY HARBOR  
MAIN HANGAR  
2717 EAST AIRLINE WAY  
PHOENIX, ARIZONA

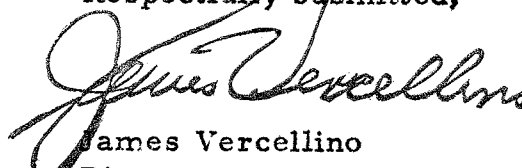
Honorable Ernest W. McFarland  
Governor  
State of Arizona  
State Capitol Building  
Phoenix, Arizona,

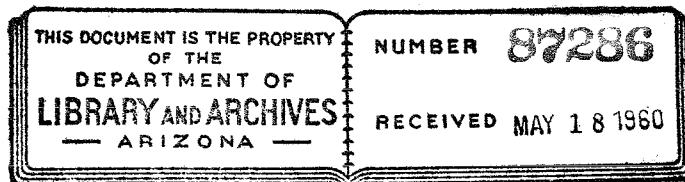
and the  
members of the 23rd Legislature, second regular  
session.

Gentlemen:

The Arizona Aviation Authority takes pleasure in submitting  
the first organization and operation report of the Authority  
for the period June 1, 1957 through December 31, 1957.

Respectfully submitted,

  
James Vercellino  
Director



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ORGANIZATION AND OPERATION REPORT  
DECEMBER 31, 1957

ARIZONA AVIATION AUTHORITY

HONORABLE ERNEST W. MCFARLAND  
Governor

JAMES VERCELLINO  
Director

## ARIZONA AVIATION AUTHORITY

W. C. Laing-Chairman.....Phoenix  
Raymond Schnepf, Member.....Queen Creek  
Millard L. Clements, Member.....Tucson  
Richard C. Nowell, Member.....Coolidge  
H. Albert McEvoy, Member.....Holbrook

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James Vercellino.....Director  
Raye Biegel.....Secretary

## STATE AVIATION AUTHORITY

### Subdivision 71. STATE AVIATION AUTHORITY

From the State Aviation Authority Fund, the following is appropriated:

Personal Services	\$ 9,500.00
Travel-State	2,000.00
Travel - Out-of-State	500.00
Other Current Expenditures	3,100.00
Other Current Fixed Charges	1,750.00
Subscription and Organization Dues	375.00
Employers' Contribution for Old Age and Survivors' Insurance and State Retirement	547.00
Capital Outlay - Equipment	300.00
Total Appropriation	<u>\$18,072.00</u>

## FORWARD

The Arizona Aviation Authority is one of the youngest state departments having been created by the former Governor Dan Garvey in March, 1950. At first it served in an advisory capacity to the Governor. Some of the states outstanding citizens have served on the board and have contributed generously of their time and experience toward the advancement of aviation in Arizona.

The Arizona law directs that the Arizona Aviation Authority shall be comprised of a five man board appointed by the governor to serve as board members who shall be selected on the basis of experience and interest in aviation and with consideration for geographical areas of the state. The members serve for a period of three years and their terms are staggered so as to maintain a high standard of experience among its members. Board members serve without compensation.

The Arizona law further directs that the Authority cooperate with all organizations, state, local and federal for the purpose of encouraging and advancing aviation in the state. The Authority may assemble and distribute to the public information relating to aviation, landing fields, beacons and other matters pertaining to aviation and may accept in the name of the state federal monies made available for the advancement of aviation.

The Arizona law created an aviation fund and directs the state treasurer to place to the credit of the fund all unclaimed and unrefunded aviation gasoline taxes transmitted to the state treasurer by the motor vehicle division of the Arizona highway department. The State Aviation Authority shall administer monies appropriated by the legislature out of the State Aviation fund.

To carry out the responsibilities and duties charged by law, the Arizona Aviation Authority has implemented certain programs and the purpose of this report is to show how the department has carried out the duties with which it is charged.

It is to be noted that this report covers the activities from June 1, 1957 to December 31, 1957 since present Director took over this position May 15, 1957. It was believed advisable to prepare this report even though for only a seven month period since no report had previously been made since this department was created.

On the following pages, we present our achievements for the past seven months.

## GENERAL

Aviation has now assumed the proportions of one of America's industrial giants. It has in fact grown to the largest industry in the United States and offers the greatest diversification of employment and the greatest opportunity for career workers from the scientific and research laboratories down to operations on the flight line.

In many states aviation comprises the largest single industry and in many communities it provides the greatest payrolls and contributes the greatest source of community business. To bring the full impact of what aviation means to a community and to reduce it to terms of dollars and cents, the Phoenix area derives a monthly payroll in excess of nine million dollars through aviation. Economic resources such as this must be conserved and advanced as we continue to grow and progress.

To this end the Arizona Aviation Authority is dedicated.

## THE BOARD

The Board is composed of five members appointed by the Governor for a period of three years.

All members of the Board are appointed on a basis of experience and interest in aviation and with consideration for geographical areas of the state. All of the members of the Board possess valid pilot certificates and although each member represents different professions, they share the same intense interest for the development of aviation within Arizona.

## THE DIRECTOR

The Board appoints a Director with due consideration to education, administrative experience, aeronautical experience and other general qualifications. Present Director is a college graduate with five years administrative experience and ten years active experience in aviation business and administration. Director is the holder of a CAA commercial pilots certificate.

## THE STAFF

The Arizona Aviation Authority employs in addition to the Director, a full time secretary. The staff is comprised of these two members at this time.

## AIRPORTS

It has been determined by the Authority that the greatest need of the aviation industry is the conservation of our present airport system and the development of a national airport system to meet the expanding demands of our economy and to prepare for the "jet age" which is rapidly approaching. The

development of a system of adequate airports and ground facilities has lagged far behind the tremendous advances made in our airplanes. Traditionally our transportation system has been the backbone of our national economic strength and each change in our national transportation system has brought about a revolution not only in the way which America lives, but in the way which America does business. The airplane is now the prime mover of our population in distances beyond 200 miles. High speed airplanes are changing the way of American life-jet airplanes will change it even more. To meet these changing concepts in transportation will require the most profound thinking and action on the part of our national, state and local governments.

The Arizona Aviation Authority is working vigorously with the various political sub-divisions throughout Arizona to encourage the development of their airports or landing strips to make every community accessible by air. This does not mean to imply that an attempt is being made to encourage the development of an airport beyond their means since this would impose an economic burden on the community. It does mean, however, that they are encouraged to develop an airport to meet their immediate need and within their financial limitations with provisions for future expansion as the demands arise.

The District Airport Engineers' office of the Civil Aeronautics Administration looks to this Department for a study and recommendation to that agency for any city or community making application to receive Federal aid through the Federal Airport Act; and to assist in processing the application. Furthermore, the CAA has asked that this Department assist in compiling the list of Arizona airports to be included in the 1958 National Airport Plan. These airports must be included on the plan before they can receive federal aid. The appropriation made to Arizona by the federal government is based upon the need as determined by survey. The federal share of participation is 61%.

The Arizona Aviation Authority has taken an active part in the above and has completed the state survey for anticipated need of funds. Except for a few cities, the survey forms have been forwarded to Washington.

Four new applications for federal airport aid were approved by Arizona Aviation Authority for St. Johns, Arizona

Ryan Field, Tucson, Arizona

Ft. Defiance, Arizona

Marble Canyon, Arizona.



Surveys have been completed for:

Ajo	Kingman
Bagdad	Mesa
Casa Grande	Nogales
Chandler	Parker
Clemenceau	Phoenix
Clifton	Prescott
Coolidge	Safford
Douglas	Sedona
Flagstaff	Scottsdale
Gila Bend	Show Low
Globe	Springerville
Holbrook	Wickenburg
Willcox	Williams
Winslow	Yuma

The Arizona Aviation Authority is working with the state highway department to acquire sections of road which have been abandoned or bypassed in the state road building program. When these sections of paved strip meet the safety requirements, they will be acquired and airmarked. This should provide a good network of landing strips for isolated communities and recreational areas and will provide a network of emergency strips throughout Arizona. This program is also being conducted in many other states.

Director has met with several city officials, county officials and civic groups to provide information relative to The Federal Airport Act and the economic importance of airport development. Many of these discussions have been supplemented by the showing of a film illustrating the economic importance of an adequate airport.

In addition to the above it is significant to note that those states which have active alert State Aviation Directors show the greatest influx of industry within their states. This is due since demands of new industrial installations have focused attention on the need for an adequate airport system and the requirement for good airports and facilities is a major factor in locating an industry.

#### AVIATION EDUCATION

Since aviation has grown to the nations largest industry and since the greatest opportunity for careers in field from scientific, research, technical, professional and operational activities are in demand, the nations principal educators are now implementing major changes in public education from the lower grades into the highest levels of our educational system.

The Arizona Aviation Authority is a member of the National Aviation Education Council. In Cooperation with this organization and through the University of Illinois Curriculum Department, Director is vigorously persuing a program of "Air Age Education" throughout the public school system of Arizona. Many personal visits with school superintendents , principals, cirriculum co-ordinators and teachers have been made and several talks before teacher groups and student groups have been made.

The Arizona Aviation Authority serves as a distributing point for air age educational material. Teaching aids prepared by the University of Illinois in the fields of Mathermitcs, Social Science, Science and English have been distributed in the secondary schools and other manuals have been distributed throughout the elem entary schools. This program has been enthusiastically received by educators as evidenced by the many requests which we receive for additional material as well as talks to school groups by Director.

In addition, the Arizona Aviation Authority maintains a film library from which many requests for educational film are made. The Phoenix Union High School and College District maintain continuous requests for film to be shown throughout the high school system. These films are also in demand by civic organizations and professional groups. Director has presented many talks supplemented by film showing to such groups as Kiwanis, Rotary, Lions Club, Optomist, Exchange Club, Chambers of Commerce, city officials and professional groups. Our present film library consists of the following:

The Air Age	Flying Businessman
Airport America	Flight Decision
Agricultural Aviation	Mrs. Jones... Meet your Partners
Telephone Creek	History of Aviation
Age of Vertical Flight	Helicopters
Farnsborough Fly East	Airplanes & How they Fly

#### Airplane Changes our World Map

#### STATE AIRMARKER PROGRAM

In August of 1957 the Arizona Aviation Authority undertook a program of providing Arizona with a statewide system of aerial markers showing the name of the town direction and distance to the nearest airport. The Arizona Aviation Authority provides the necessary material and directions but is dependent upon organizations to construct the marker. The Civil Air Patrol volunteered to construct markers throughout Arizona. The results of this program have not produced the anticipated number of aerial markers and an attempt will be made through other organizations to bring this program to a successful conclusion. This program is being

carried on successfully on a contract basis by other states and they report from 300 to 500 markers within their states. To date the Civil Air Patrol has completed aerial markers at Mayer, Salome, Congress Junction, Bagdad, Phoenix. An additional marker was completed at Queen Creek by a private group.

While there is no yardstick with which to measure the value of this program, a number of comments have been received by this office concerning the value of the markers which have so far been constructed and many letters have been published concerning the probable saving of life and property as a result of orientation through the use of these markers.

Arizona is an area of vast open country with sparsely separated towns and it is believed that this program is well worth the effort to adequately air mark the state in the interest of public safety. The Arizona Aviation Authority plans to give this program added impetus in the future.

#### AIR MAP - DIRECTORY - NEWSLETTER

The Arizona Aviation Authority has had printed a State Aeronautical Chart which was six months in the making. Director worked in the compilation of material and organization of chart with Jeppesen & Company, publishers of the chart for this period of time. The completed charts were delivered to the Arizona Aviation Authority in November of 1957. They have been given wide spread distribution. Requests for this chart have been received throughout the entire nation. Favorable and complimentary letters have been received by Arizona Aviation Authority from widespread sources concerning the outstanding contribution which this chart makes to aviation and to Arizona. Jeppesen & Company states "We don't know what kind of reaction you are getting in Arizona from these charts, but ours has been nothing short of terrific! Without a doubt it is the best organized and best looking job that we have put out which automatically makes it the best chart ever." This comment is typical of many received. A supply of these charts have been requested by various Arizona State Departments as well as the airports throughout the state. American Airlines has requested 100 copies for their pilots flying through Arizona.

A State Aviation Directory listing all segments of aviation in Arizona has been prepared by the Department. This was done as a result of the many inquiries made to the Department on almost a daily basis for this type information. Distribution of this directory is made to all state departments, schools, libraries, airports and others requesting them.

A monthly newsletter "Arizona Aviation" is published monthly and is given widespread circulation. This publication which is mailed to all state officials, all city and county officials, all aviation organization, Arizona pilots, schools, Federal agencies, etc, has proven popular and requests for this newsletter increased from 1300 to 2100 since Director took over the duties of office. This publication provides current information on all matters pertaining to aviation.

## CIVIL DEFENSE - AIR SEARCH AND RESCUE

The Arizona Aviation Authority makes available all of its resources to the Director of the Department of Civil Defense in times of emergency or national disaster and to assist in the operation of any plan in carrying out its functions.

The Arizona Aviation Authority participates with the military and the Civil Air Patrol in any air search and rescue mission. Meetings have been held by the Arizona Aviation Authority with both of these groups in formulating plans in policy and procedures to be used on these missions.

## AGRICULTURAL AVIATION

Although agricultural activities are controlled by the Arizona Board of Pest Control Applicators, the Arizona Aviation Authority cooperates with that organization in promoting safe and diligent use of the airplane as an agricultural tool in the application of pesticides, herbicides and other aerial application.

## OTHER DEPARTMENTAL SERVICES.

The aviation industry has grown steadily in Arizona and the Arizona Aviation Authority is joining with other state and local agencies to conserve and advance this industry. Members of the Board and staff must continue to attend decisive meetings and conferences of the industry giving close study and attention to the many needs of conserving and expanding the industry. This consists of attending hearings and briefs presented before the CAA Board relative to the improvement of airline services and before the Arizona Corporation Commission to improve local air service. To serve the Regional Airspace Sub-Committee relative to airspace problems and obstructions such as TV and Radio antennae towers. Our recommendations are requested on these matters. To act in the matter of restricted areas requested by the military wherein large areas are designated by the military as restricted areas. Continued and unrestricted encroachments by the military in this action places general aviation in an untenable position. Objections have recently been filed with the Air Coordinating Sub-Committee by the Arizona Aviation Authority against the proposal of the military to extend the restricted area at Ft. Huachuca to the Mexican border. This action would close off direct flight East to West from Nogales, Arizona and eliminate flights between Bisbee-Douglas and Nogales. To participate in and encouraging all flying clubs and organizations in their local activities. To answer all requests from organizations and individuals concerning aviation in Arizona. These inquiries are received on a daily basis. To cooperate with all state departments and political sub-divisions on local problems and issues where our services are desired.

The Arizona Aviation Authority is an active member of the National Association of State Aviation Officials (NASAO). This association now provides an organization through which the various states can act swiftly and effectively on local, national and international issues. The association effectively provides an organization to continuously coordinate the views of the various states and develop and recommend uniform policies, procedures and legislation. By acting collectively through the organization the member states are often able to effect considerable savings of time and funds in completing projects and programs of regional or national interest.

The stated purpose of NASAO is "to foster aviation as an industry, as a mode of transportation and as an arm of national defense; to join with the Federal Government and other groups in research, development and advancement of aviation; to develop uniform laws and regulations and to otherwise encourage cooperation and mutual aid among the several states."

Thus the Arizona Aviation Authority functions daily in serving the needs of Arizona.

